

9. (Amended) The needless syringe as claimed in claim 1, characterized in that the injector (1) includes a support (4) comprising a housing into which a one-piece core (3, 33, 34) is fitted.

10. (Amended) The needless syringe as claimed in claim 1, characterized in that the injector comprises at least one core consisting of at least two quarters assembled via their flat faces to form at least one core with a nozzle of evolving cross section, the quarters of the various cores being fitted into housings of a support.


11. (Amended) The needless syringe as claimed in claim 1, characterized in that the injector (10) comprises at least one core consisting of at least two quarters (5, 6) assembled by their flat faces (50, 60) to form at least one core with a nozzle (55) with an evolving cross section, the quarters (5, 6) of the various cores being held together by overmolding (45).

REMARKS

Claims 1 - 11 are pending. By this Preliminary Amendment, claims 4-11 are amended to remove multiple dependencies. Prompt and favorable examination on the merits is respectfully requested.

The attached Appendix includes marked-up copies of each rewritten claim (37 C.F.R. 1.121(c)(1)(ii)).

Respectfully submitted,


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Attached: Appendix
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APPENDIX

Changes to Claims:

The following are marked-up versions of the amended claims:

4. (Amended) The needleless syringe as claimed in claim 1 ~~one of claims 1, 2 and 3~~, characterized in that the groove (31, 41, 41') is straight.
5. (Amended) The needleless syringe as claimed in claim 1 ~~one of claims 1 and 2~~, characterized in that the groove is helical.
6. (Amended) The needleless syringe as claimed in claim 1 ~~one of claims 1, 2 and 3~~, characterized in that a groove (54) is formed by the convergence of at least two grooves beginning from the upstream face and ending in a single groove towards the downstream face of the element (34).
7. (Amended) The syringe as claimed in claim 4 ~~one of claims 4, 5 and 6~~, characterized in that the groove (31, 41, 41') has a constant cross section.
8. (Amended) The syringe as claimed in claim 4 ~~one of claims 4, 5 and 6~~, characterized in that the groove (53, 54, 55) has an evolving cross section.
9. (Amended) The needleless syringe as claimed in claim 1 ~~one of claims 1, 2, 3 and 8~~, characterized in that the injector (1) includes a support (4) comprising a housing into which a one-piece core (3, 33, 34) is fitted.
10. (Amended) The needleless syringe as claimed in claim 1 ~~one of claims 1, 3 and 8~~, characterized in that the injector comprises at least one core consisting of at least two quarters assembled via their flat faces to form at least one core with a nozzle of evolving cross section, the quarters of the various cores being fitted into housings of a support.
11. (Amended) The needleless syringe as claimed in claim 1 ~~one of claims 1, 2, 3 and 8~~, characterized in that the injector (10) comprises at least one core consisting of at least two quarters (5, 6) assembled by their flat faces (50, 60) to form at least one core with a

nozzle (55) with an evolving cross section, the quarters (5, 6) of the various cores being held together by overmolding (45).

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